

Fig.13

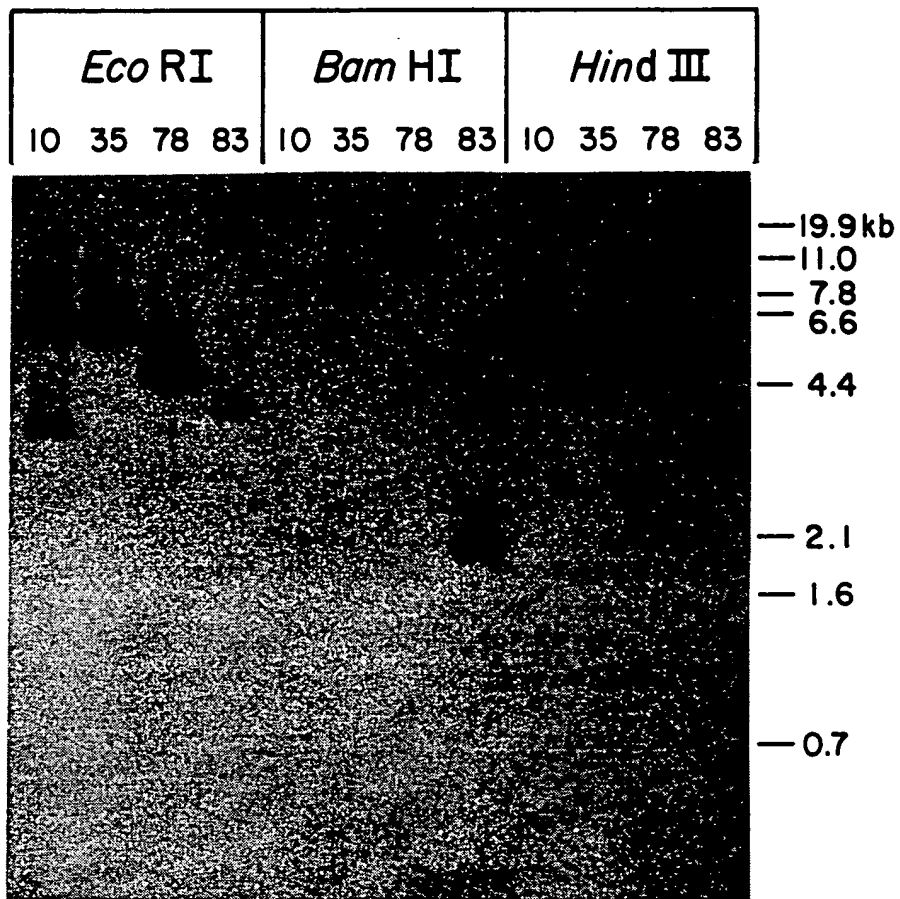


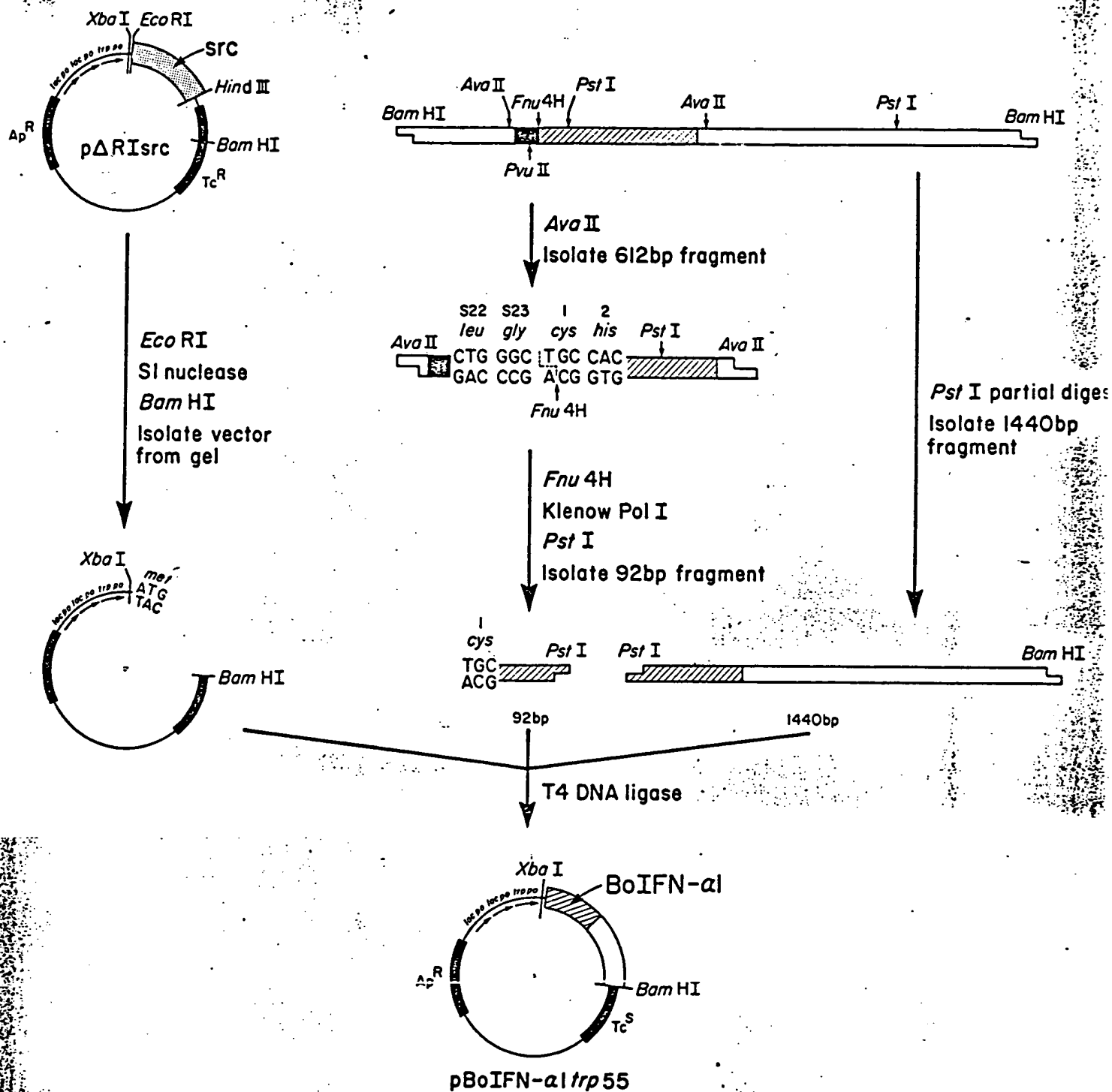
Fig. 2
 14

GGATCCACAGCATAAATGTGTTGTCACAATTTACGGTGGGGTAATTAGGAAAAAAATCTCAGAAGAACTGTCAATAGGGGAAGGGGGGCAATAATGAAAACAACGTTTGCAGAA
50 100
ATGCTGTCCTAACCCATTTGAAGAGTACAAACTGAAAAACAAAAACAAAGTAGAAAGCAAGAGGGAACCTTTCAGAAAAATGGAAACCATGGACTCCTATTTAAGACACAGACCTGAAGG
150 200
AAGGTCTTCAGAGAACCTAGAAAGCAGGTTACAGAGTCAACCCACCGCCCGAGGCCACAAGCATCTTCAAGGTCCCCG S1 S10
250 300 met ala pro ala trp ser leu leu leu ala
ATG GCC CCA GCC TGG TCC CTC CTC CTG GCT
S20 S23 1 10
leu leu leu leu ser cys asn ala ile cys ser leu gly CYS HIS LEU PRO HIS SER HIS SER LEU ALA LYS ARG ARG VAL LEU THR LEU
350 400 CTG CTG CTG CTC AGC TGC AAC GCC ATC TGC TCT CTG GGC TGC CAC CTG CCT CAC TCC CAC AGC CTG GCC AAG AGG AGA GTC CTG ACA CTC
20 30 40
LEU ARG GLN LEU ARG ARG VAL SER PRO SER SER CYS LEU GLN ASP ARG ASN ASP PHE ALA PHE PRO GLN GLU ALA LEU GLY GLY SER GLN
450 500 CTG CGA CAA CTG AGG AGG GTC TCC CCT TCC TCC TGC CTG CAG GAC AGA AAT GAC TTC GCA TTC CCC CAG GAG GCG CTG GGT GGC AGC CAG
50 60 70
LEU GLN LYS ALA GLN ALA ILE SER VAL LEU HIS GLU VAL THR GLN HIS THR PHE GLN LEU PHE SER THR GLU GLY SER ALA ALA VAL TRP
550 600 TTG CAG AAG GCT CAA GCC ATC TCT GTA CTC CAC GAG GTG ACC CAA CAC ACC TTC CAG CTT TTC AGC ACA GAG GGC TCG GCC GCT GTG TGG
80 90 100
ASP GLU SER LEU LEU ASP LYS LEU ARG THR ALA LEU ASP GLN GLN LEU THR ASP LEU GLN ALA CYS LEU ARG GLN GLU GLU GLY LEU PRO
650 700 GAT GAG AGC CTC CTG GAC AAG CTC CGC ACT GCA CTG GAT CAG CAG CTC ACT GAC CTG CAA GCC TGT CTG AGG CAG GAG GAG GGG CTG CCA
110 120 130
GLY ALA PRO LEU LEU LYS GLU ASP SER SER LEU ALA VAL ARG LYS TYR PHE HIS ARG LEU THR LEU TYR LEU GLN GLU LYS ARG HIS SER
750 800 GGG GCT CCC CTG CTC AAG GAG GAC TCC AGC CTG GCT GTG AGG AAA TAC TTC CAC AGA CTC ACT CTC TAT CTG CAA GAG AAG AGA CAC AGC
140 150 160 166Stop
PRO CYS ALA TRP GLU VAL VAL ARG ALA GLN VAL MET ARG ALA PHE SER SER SER THR ASN LEU GLN GLU ARG PHE ARG ARG LYS ASP OP
800 850 CCT TGT GCC TGG GAG GTT GTC AGA GCA CAA GTC ATG AGA GCC TTC TCT TCC TCA ACA AAC TTG CAG GAG AGA TTC AGG AGA AAG GAC TGA
CACACACCTGGTTCAACACGGAAATGATTCTCACGGACCAACAGACCACACTTCTCTCGCGCTGCCATGTGGAAGACTCATTCTGCTGTCATCAGGCACTGAACTGAATCAATTTGTT
900 950 1000
AAATGATTTTCAGGTATATTATGTGACATCATGATCTACTCTACAGGCACTACTCTGTCCAGATACTCAAGCTAATCCATCTACTTATTTATCTATTTGGTATTTATTTATCTAATTTAA
1050 1100
TATTTATTTATCTATATATAAAGAATTAATTTGTTTCATATAATTATGTATGTATAATTAATGGAAAAATATATTTTGTATTTAGTCAATTTATGAGTTTTCTTCATTCAATAAAC
1150 1200
CTTACTATAAAATCTTCTTTGTTTTCTTTAAAAAGAAACATGAAGACTGAATATGCAACTTGATTAAGAATGCATTTTATAATTCTTCACCCATTTTGTGATTGACATTA
1250 1300 1350
CAAATGGGGATTTTGGGGGATTTTCTGACCGGAACCTTGAAGCGACGAACCTGAAAGAAGGACACTCAGACAGTCTCTTGCAAGGACTGACAAGTTTATTC
1400 1450

FIGURE

8a
15A

158



FIGURE

17
Figure 1A

